

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/530,753
				Filing Date	(Int'l.) October 2, 2003
				First Named Inventor	Mariagrazia PIZZA
				Art Unit	1645
				Examiner Name	B. J. Gangle
Sheet	1	of	2	Attorney Docket Number	PAT051937-US-PCT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number Number+Kind Code* (if Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1.	US-20040167068	08-26-2004	Zlotnick et al.		
2.	US-20070026021	02-01-2007	Fraser et al.		
3.	US-20090285845	11-19-2009	Masignani et al.		
4.	US-7,700,119	04-20-2010	Giuliani et al.		
5.	US-7,655,245	02-02-2010	Scarlatto et al.		
6.	US-7,714,121	05-11-2010	Scarlatto et al.		
7.	US-7,749,518	07-06-2010	Masignani et al.		
8.	US-20100015151	01-21-2010	Rappuoli et al.		
9.	US-20100143418	06-10-2010	Contorni et al.		

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Examiner Initials*	Cite No.*	Foreign Patent Document Country Code+Number+Kind Code* (if Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
10.	EP0467714		01-22-1992	Merck & Co. Inc.	
11.	WO9817805		04-30-1998	The Government of the U.S.A et al.	
12.	WO06024954		03-09-2006	Chiron SRL	
13.	WO-0071725		11-30-2000	Chiron S.P.A.	
	WO-0152885		07-26-2001	Chiron S.P.A.	

Examiner Signature	Date Considered
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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	15.	Database accession no. NMB1994.Tettelin et al. (March 2, 2010).
	16.	Bowe et al. (July 2004) "Mucosal vaccination against serogroup B meningococci: induction of bacterial antibodies and cellular immunity following intranasal immunization with NadA of Neisseria meningitidis and mutants of Escherichia coli heat-labile enterotoxin," <i>Infection and Immunity</i> , 72: 4052-4060.
	17.	Capecchi et al. (2005) "Neisseria meningitidis NadA is a new invasion which promotes bacterial adhesion to and penetration into human epithelial cells," <i>Molecular Microbiology</i> , 55: 687-698.
	18.	Comanducci et al. (July 2004) "NadA diversity and carriage in Neisseria meningitidis," <i>Infection and Immunity</i> , 72: 4217-4223.
	19.	Koeberling et al. (2007). "Improved immunogenicity of a H44/76 group B outer membrane vesicle vaccine with over-expressed genome-derived," <i>Neisseria antigen 1870. Vaccine</i>

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	25:1912-1920.	
20.	Martin et al. (2005) "Experimentally revised repertoire of putative contingency loci in <i>Neisseria meningitidis</i> strain MC58: evidence for a novel mechanism of phase variation" 50: 245-257.	
21.	Parkhill et al. (March 2000) "Complete DNA sequence of a serogroup A strain of <i>Neisseria meningitidis</i> Z2491" 404: 502-505.	
22.	Stabler et al. (2005) "Identification of pathogen-specific genes through microarray analysis of pathogenic and commensal <i>Neisseria</i> species" Vol. 151, pages 2907-2922.	
23.	The printed output from the NCBI open reading frame finder (12 pages).	
24.	Turner et al. (2006). "Characterization of MspA, an Immunogenic Autotransporter Protein That Mediates Adhesion of Epithelial and Endothelial Cells in <i>Neisseria meningitidis</i> ," Infection and Immunity 74(5):2957-2964.	
25.	United States Office Action mailed on February 11, 2009, for U. S. Application No. 10/181,600 filed on January 17, 2001, 5 pages.	
26.	United States Office Action mailed on July 24, 2008, for U. S. Application No. 10/181,600 filed on January 17, 2001, 23 pages.	
27.	United States Office Action mailed on July 7, 2009, for U. S. Application No. 10/181,600 filed on January 17, 2001, 23 pages.	

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